

## ABSTRACT OF THE DISCLOSURE

The closing device (16) moves between a position that opens a valve and a position that closes a valve (14), which is specifically a drainage valve used on a chemical reactor (1), a storage vat, a column or other container, and it comprises an interior housing (30) designed to hold a measurement or detection probe (27). It has an opening (38) that is accessible when it is in the operating position inside the valve and which provides access to its interior housing, allowing the probe to be inserted or removed without the need for prior disassembly of either the valve or the closing device. This invention is of interest to the chemical industry, particularly manufacturers and users of temperature measurement devices.